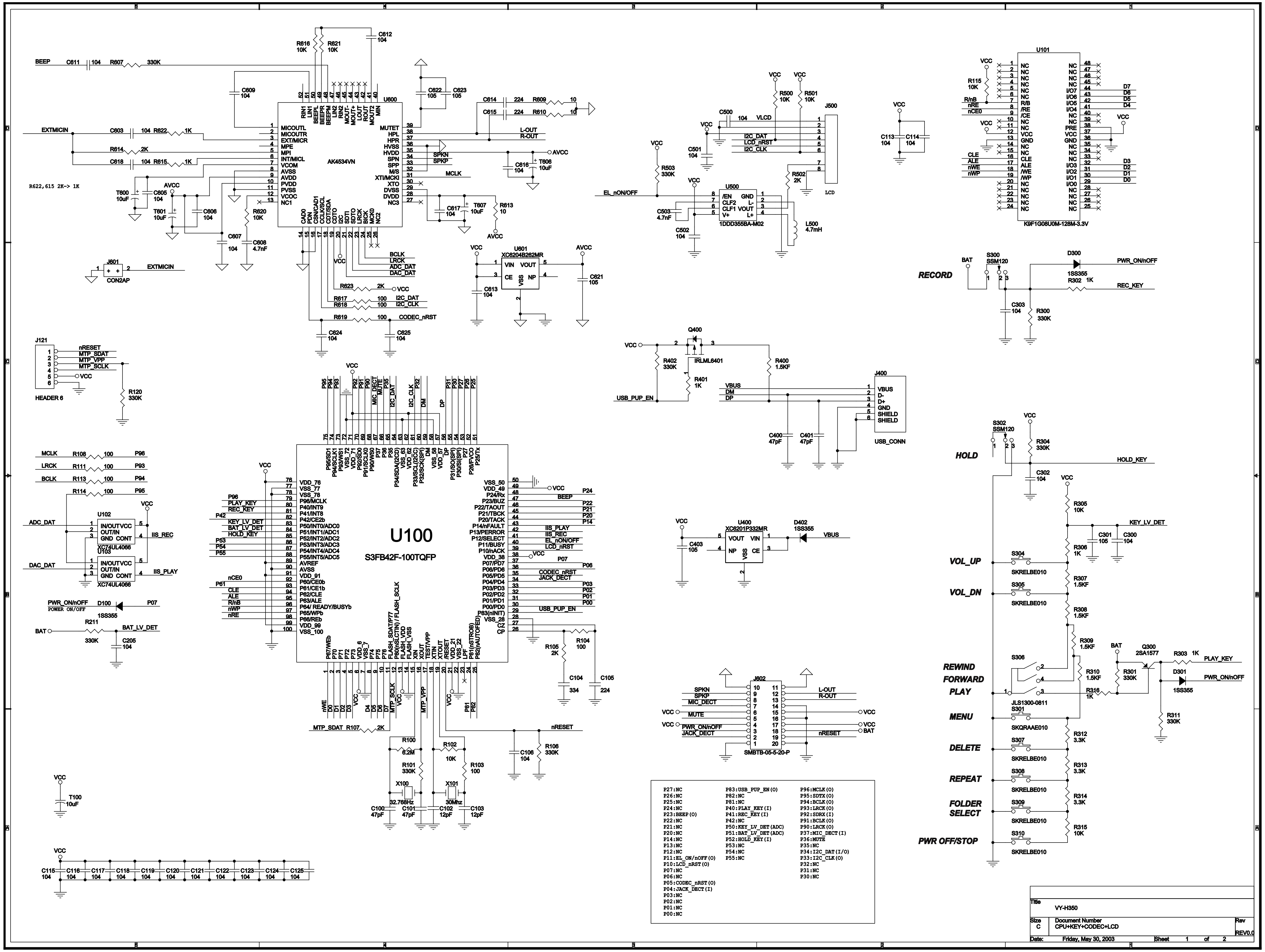
- This Document can not be used without Samsung’s authorization -

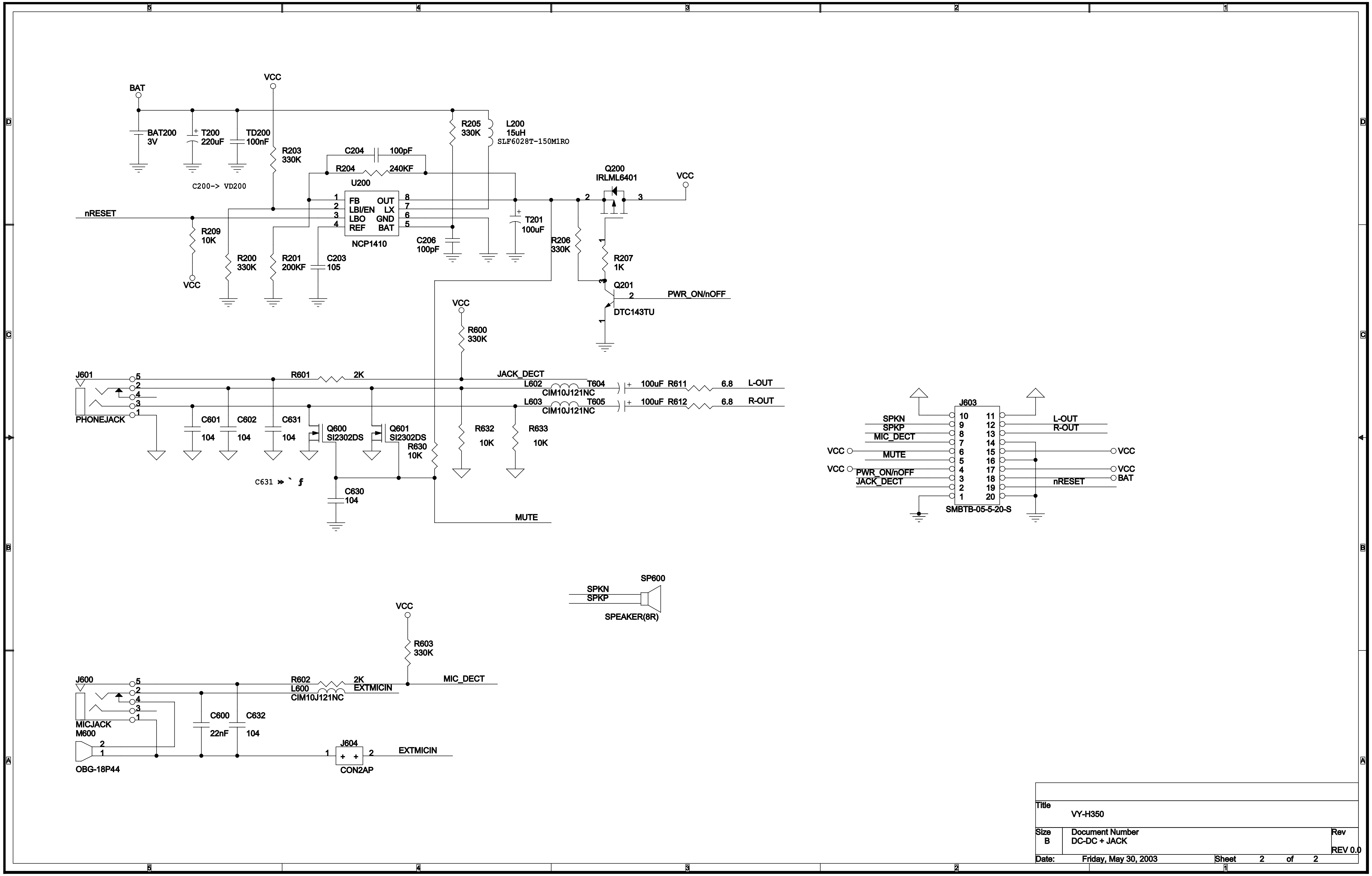
5-1 MAIN


U100
S3FB42F-100TQFP
U600
AK4534VN
U101
K9F1G08U0M-128M-3.3V
U500
1DDD355BA-M02
U601
XC6204B262MR
U400
XC6201P332MR
U102
XC74UL4066
U103
Q400
IRLML6401
J400
USB_CONN
J500
LCD
J601
CON2AP
J121
HEADER 6
J602
SMBTB-05-5-20-P
X100
32.768Hz
X101
30Mhz
RECORD
HOLD
VOL_UP
VOL_DN
REWIND
FORWARD
PLAY
MENU
DELETE
REPEAT
FOLDER SELECT
PWR OFF/STOP
R622,615 2K-> 1K
BEEP
EXTMICIN
ADC_DAT
DAC_DAT
PWR_ON/nOFF
BAT_LV_DET
KEY_LV_DET
PLAY_KEY
REC_KEY
HOLD_KEY
VBUS
USB_PUP_EN
EL_nON/OFF
nRESET
VCC
AVCC
BAT

```
P27:NC              P83:USB_PUP_EN(O)      P96:MCLK(O)
P26:NC              P82:NC                 P95:SDTX(O)
P25:NC              P81:NC                 P94:BCLK(O)
P24:NC              P40:PLAY_KEY(I)        P93:LRCK(O)
P23:BEEP(O)         P41:REC_KEY(I)         P92:SDRX(I)
P22:NC              P42:NC                 P91:BCLK(O)
P21:NC              P50:KEY_LV_DET(ADC)    P90:LRCK(O)
P20:NC              P51:BAT_LV_DET(ADC)    P37:MIC_DECT(I)
P14:NC              P52:HOLD_KEY(I)        P36:MUTE
P13:NC              P53:NC                 P35:NC
P12:NC              P54:NC                 P34:I2C_DAT(I/O)
P11:EL_ON/nOFF(O)   P55:NC                 P33:I2C_CLK(O)
P10:LCD_nRST(O)                            P32:NC
P07:NC                                     P31:NC
P06:NC                                     P30:NC
P05:CODEC_nRST(O)
P04:JACK_DECT(I)
P03:NC
P02:NC
P01:NC
P00:NC
```

Title VY-H350		
Size C	Document Number CPU+KEY+CODEC+LCD	Rev REV0.0
Date: Friday, May 30, 2003	Sheet 1 of 2	

5-2 SUB


BAT
VCC
BAT200
3V
T200
220uF
TD200
100nF
R203
330K
C200-> VD200
C204
100pF
R204
240KF
U200
R205
330K
L200
15uH
SLF6028T-150M1RO
Q200
IRLML6401
VCC
nRESET
FB
LBI/EN
LBO
REF
OUT
LX
GND
BAT
NCP1410
R209
10K
VCC
R200
330K
R201
200KF
C203
105
C206
100pF
T201
100uF
R206
330K
R207
1K
Q201
PWR_ON/nOFF
DTC143TU
VCC
R600
330K
J601
PHONEJACK
R601
2K
JACK_DECT
L602
CIM10J121NC
T604
100uF
R611
6.8
L-OUT
L603
CIM10J121NC
T605
100uF
R612
6.8
R-OUT
C601
104
C602
104
C631
104
Q600
SI2302DS
Q601
SI2302DS
R630
10K
R632
10K
R633
10K
C631 » ` ƒ
C630
104
MUTE
J603
SPKN
SPKP
MIC_DECT
VCC
MUTE
VCC
PWR_ON/nOFF
JACK_DECT
L-OUT
R-OUT
VCC
VCC
BAT
nRESET
SMBTB-05-5-20-S
SP600
SPKN
SPKP
SPEAKER(8R)
VCC
R603
330K
J600
MICJACK
M600
R602
2K
L600
CIM10J121NC
EXTMICIN
MIC_DECT
C600
22nF
C632
104
OBG-18P44
J604
CON2AP
EXTMICIN
Title
VY-H350
Size
B
Document Number
DC-DC + JACK
Rev
REV 0.0
Date:
Friday, May 30, 2003
Sheet
2
of
2